

What is claimed is:

1. A pressure sensor comprising:

a base; a pressure-sensitive section which receives pressure and is mounted on said base; a pressure injection section which injects gas to be measured into said pressure-sensitive section; and a lead which is connected to said pressure-sensitive section and extracts a pressure detection signal; said pressure-sensitive section being affixed to said base by a flouric elastomer.

2. The pressure sensor as described in Claim 1, wherein said pressure-sensitive section is enclosed by a sensor package comprising a plurality of members which are affixed by a flouric elastomer.

3. A pressure sensor comprising:

a base; a pressure-sensitive section which receives pressure and is mounted on said base; a pressure injection section which injects gas to be measured into said pressure-sensitive section; a lead which connects a terminal of said pressure-sensitive section to a wire, provided on said base, and extracts a pressure detection signal; and a resin which covers said pressure-sensitive section and said lead.

4. The pressure sensor as described in Claim 3, wherein said resin is a flouric gel.

5. The pressure sensor as described in Claim 4, wherein said pressure-sensitive section and said base are affixed by a flouric elastomer which is harder after solidification than said flouric gel.

6. The pressure sensor as described in Claim 4, wherein said pressure-sensitive section is enclosed by a sensor package comprising a plurality of members which are affixed by a flouric elastomer which is harder after solidification than said flouric gel.

7. The pressure sensor as described in Claim 5, wherein said pressure-sensitive section is enclosed by a sensor package comprising a plurality of members which are affixed by a flouric elastomer which is harder after solidification than said flouric gel.

8. The pressure sensor as described in one of Claims 1 to 7 which is used in measuring the aspired air of an engine.

9. The pressure sensor as described in Claim 8 which is provided in a aspired air manifold of an engine.